Precision Level Accuracy and Adjustment

Applies to

ThermoFlex Wide II

Background

The ThermoFlex Wide II installation procedure requires the use of a precision level. These levels are highly sensitive and the accuracy can be affected by minor jolts or even by routine shipping and handling. It is advisable to check the accuracy of the level prior to use and even at intervals during use if the procedure is lengthy.

Tools and parts

- Precision level (part of installation toolkit)
- 3/16” slot screwdriver

Steps

Checking the accuracy of the level

1. Place the level on a clean smooth surface. Ensure the base of the level is free of dirt and dust.



Figure 1: Precision Level

2. Rotate the level until the bubble in the main vial is closest to the center.
3. Note the bubble position using the gradations on the main vial. For example, 7 divisions on the right. Also mark the exact location of the level on the surface.



Figure 2: Initial bubble position

4. Rotate the level exactly 180 degrees using the markings from step 3 as reference.



Figure 3: Rotated bubble position

5. If the bubble position in the main vial is not within half a division of the initial reading, then the level will require adjustment.

Adjusting the level:

1. Use the 3/16” slot screwdriver to adjust the bubble position. Note the bubble position.
2. Rotate the level exactly 180 degrees and compare the bubble position to step 1. If the bubble position in the main vial is not within half a division of the position in step 1, then repeat steps 1 and 2 until they are exactly the same.

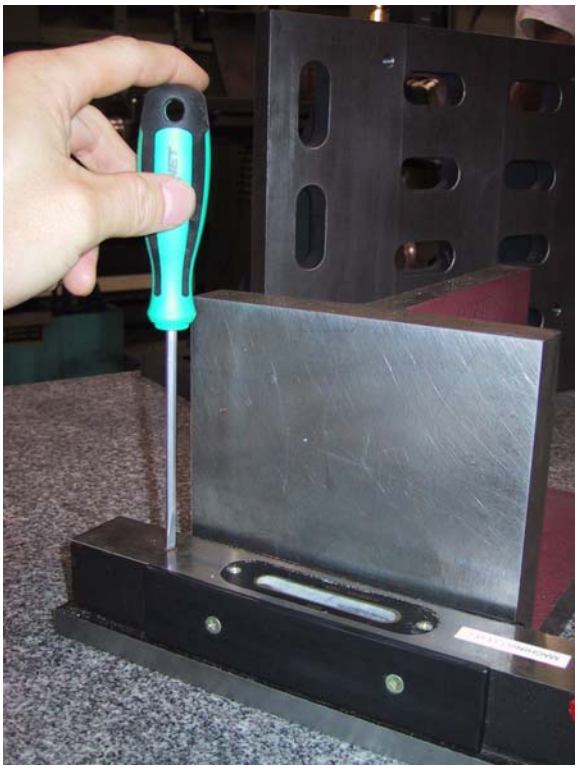


Figure 4: Adjusting the level

See also	ThermoFlex Wide II Installation Procedure (725-00069A)
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Date submitted	09 Sept 2004
Date modified	14 Sept 2004